ABSTRACT

Primary intermediates for hair coloring compositions for oxidative dyeing of hair are compounds of the formula (1):

$$R_1$$
 $N - R_2$
 OH
 NH_2
 (1)

where R_1 and R_2 are each individually selected from a hydrogen atom, a C_1 to C_3 alkyl group, a C_1 to C_5 mono or dihydroxyalkyl group, phenyl or benzyl optionally substituted with an alkoxy group, or R_1 and R_2 together with the nitrogen atom to which they are attached form a piperazine, piperidine, imidazole, or morpholine ring.